

PATENT SPECIFICATION



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228,753

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Complete Accepted : Feb. 12, 1925.

PROVISIONAL SPECIFICATION.

A Device for Cutting Cord, Thread, Cloth or the like.

I, ROBERT McLAREN, of 89, Raeberry Street, Glasgow, Scotland, Shipyard Driller, British subject, do hereby declare the nature of this invention to

5 be as follows:—

This invention relates to a device for cutting cord, thread, cloth or the like.

In cutting the cord in tying up or opening parcels, a knife or a pair of 10 scissors is used, or in cutting the thread after sewing, or in cutting say a pattern of cloth from the piece, the knife or scissors are also required. These are not always at hand, and therefore time 15 is lost in looking for them, and annoyance is frequently caused, and the object of this invention is to get over such drawbacks by providing a device which is always at hand.

20 In carrying out this invention, I provide a ring of any suitable metal or material and of such size to fit any finger. On the upper part of this ring and preferably forming part thereof, there is a 25 upward projecting leg, the upper end of which is turned-over. A groove is formed on the upper part of the ring, and on the underside of the turnover part of the projecting leg, there is also a groove 30 and inserted into these grooves there is a

knife-edged blade or cutter, so placed that, while it is retained in position can be readily removed and a fresh cutter inserted.

The ring is carried on the finger and 35 when it is desired to cut the cord, it is simply placed across the knife-edge or cutter and pulled tight when it is readily cut.

The knife-edge or cutter may protrude 40 slightly beyond the turned-over part by which a pattern of material can be readily cut off.

The turned-over part also acts as a 45 shield or protection from injury to the hand from the knife-edge or cutter.

The projecting part, in place of forming part of the ring, may be suitably fixed thereto and in that case, both 50 grooves for the reception of the cutter would be in the projection, one on the bottom and the other on the turned over part as before mentioned.

If desired, any other form of shield 55 may be provided.

Dated this 29th day of April, 1924.

JOHN LIDDLE,
154, St. Vincent Street, Glasgow,
Chartered Patent Agent.

COMPLETE SPECIFICATION.

A Device for Cutting Cord, Thread, Cloth or the like.

60 I, ROBERT McLAREN, of 89, Raeberry Street, Glasgow, Scotland, Shipyard Driller, British subject, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

My invention relates to a device for cutting cord, thread, cloth or the like.

In cutting the cord in tieing up or 70 opening parcels, a knife or a pair of scissors is used, or in cutting the thread after sewing, or in cutting say a pattern of cloth from the piece, the knife or scissors are also required. These are not 75 always at hand, and therefore time is lost in looking for them, and annoyance is frequently caused, and the object of this invention is to get over such draw-

backs by providing a device which is always at hand.

In carrying out this invention, I provide a ring of any suitable metal or material and of such size to fit any finger. On the upper part of this ring and forming part thereof, there is an upward projecting leg, the upper end of which is turned-over, two grooves being formed in such leg, one in the underside of the turned-over portion and the other in the opposing portion, or a groove is formed on the upper part of the ring, and another on the underside of the turned-over part of the projecting leg, there is also a groove and inserted into these grooves there is a knife-edged blade or cutter, so placed that while it is retained in position can be readily removed and a fresh cutter inserted.

The knife-edge or cutter may protrude slightly beyond the turned-over part by which a pattern or piece of material can be readily cut off.

25 The turned-over part also acts as a shield or protection from injury to the hand from the knife-edge or cutter.

The projecting part, in place of forming part of the ring, may be screwed or otherwise suitably fixed thereto and in that case, both grooves for the reception of the cutter would be in the projection as previously mentioned.

I am aware that cutters for thread, string, leather *etc.*, formed of finger-rings with a projecting portion constituting a shield for a detachable cutting blade have been previously proposed and I make no claim for such *per se*.

40 In order that my invention may be properly understood and readily carried into effect, I have hereunto appended one sheet of drawings, of which

Figures 1, 2 and 4 illustrate side elevations of different forms of device.

45 Figure 3 is a side elevation of Figure 2.

Figure 5 is a view showing the operation of cutting a piece of cord.

50 Referring to the drawings, A is the ring which of course may be of any size to suit different thicknesses of fingers. B is the upward projecting leg which, as in Figures 2, 3, 4 and 5 forms part of the

ring A while in Figure 1 the leg B is shown screwed into the ring A, and as seen in Figure 1 has two grooves C and D formed thereon, the one C in the underside of the turned-over portion B¹, and the other D in the opposing portions, while in the other figures the turned-over part B¹ has one groove C formed thereon, while the upper part of the ring A has the other groove D, the cutter E fitting into these grooves C and D and retained thereby by friction or other suitable means by which it is easily removed for sharpening or from a fresh one to take its place.

The ring A is carried on the finger F and when it is desired to cut a thread or cord G, the thread &c. is simply placed across the knife edge E and pulled tight when it is readily severed or cut as shown in Figure 5.

Referring to Figure 4, it will be observed that the knife edge E protrudes slightly beyond the turned over piece B¹ so that a piece of material can be easily cut.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. Device for cutting cord, thread, cloth or the like, characterized by the provision of a ring of any suitable metal or material with a projecting leg having a turned over portion, two grooves being formed in such leg, one in the underside of the turned-over portion and one in the opposing portion or a groove being formed on under side of said turned over portion, and a similar groove on upper side of ring, and a knife-edged blade or cutter fitting into said grooves, substantially as hereinbefore described and illustrated.

2. A device for cutting cord, thread, cloth or the like, constructed and operated substantially as and for the purposes hereinbefore described and illustrated on the accompanying sheet of drawings.

Dated this 21st day of November, 1924.

JOHN LIDDLE,
154, St. Vincent Street, Glasgow,
Chartered Patent Agent.

[This Drawing is a reproduction of the Original on a reduced scale]

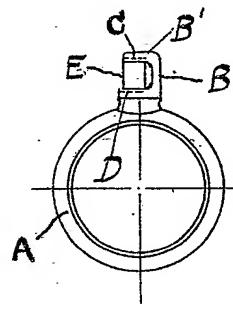


FIG. 1.

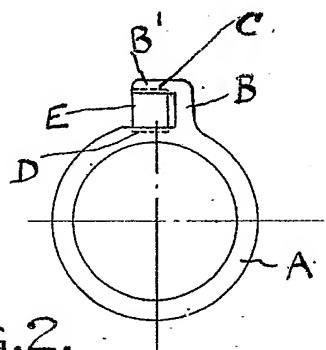


FIG. 2.

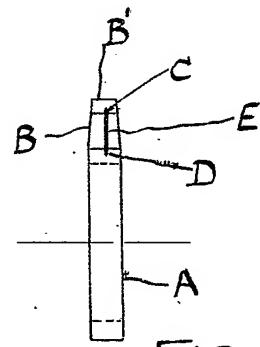


FIG. 3.

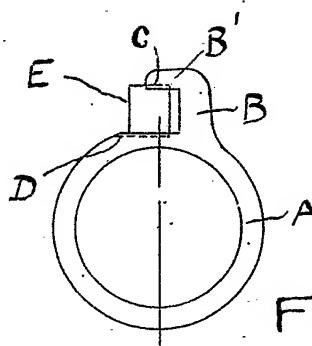


FIG. 4

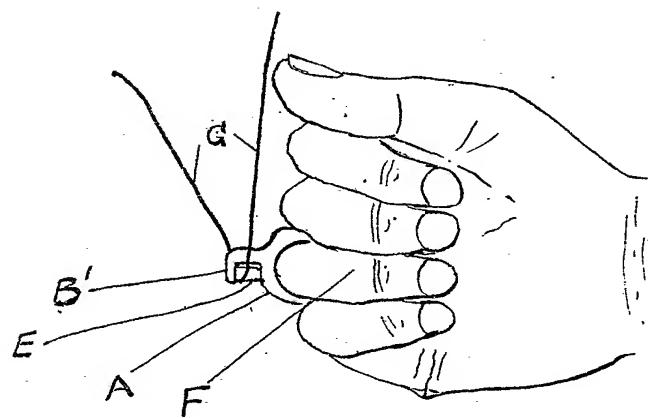


FIG. 5.